



DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS REGULATIONS BOARD
WASHINGTON, D.C. 20590

4626

[49 CFR Parts 172, 173]

[Docket No. HM-80; Notice 71-7]

TRANSPORTATION OF HAZARDOUS
MATERIALS

Phosphorus Pentasulfide

The Hazardous Materials Regulations Board is considering amending §§ 172.5 and 173.225 to identify phosphorus pentasulfide by name as a flammable solid and to prescribe general packaging conditions for its transportation.

The question of regulating this commodity has been raised several times and confusion may exist regarding its classification, i.e., whether or not the product is subject to the Department's Hazardous Materials Regulations.

In view of the properties of this material and its accident history, the Board believes that the product should be identified and classed as a flammable solid and hazard warnings should be provided during transportation. The Board also considers the additional placarding described in § 177.823(c) appropriate. On the basis of the information the Board has available, it appears that any tight, sift-proof packaging meeting the requirements of § 173.24 would be adequate.

In consideration of the foregoing, it is proposed to amend 49 CFR Parts 172 and 173 as follows:

I. Part 172: In § 172.5 paragraph (a), Commodity List, would be amended as follows:

§ 172.5 List of hazardous materials.
(a) * * *

| Article | Classed as— | Exemption and packing (see sec.) | Label required if not exempt | Maximum quantity in 1 outside container by rail express |
|---|-------------------|-------------------------------------|---------------------------------|--|
| (a)(d) Phosphorus pentasulfide..... * * * | F.S..... * * * | 173.153, 173.225 * * * | Yellow..... * * * | 11 pounds. * * * |
| * | * | * | * | * |

II. Part 173: (A) In Part 173 Table of Contents, § 173.225 would be amended to read as follows:

Sec.
173.225 Phosphorus sesquisulfide and phosphorus pentasulfide.

(B) In § 173.225 the heading would be amended; paragraph (b) would be added to read as follows:

§ 173.225 Phosphorus sesquisulfide and phosphorus pentasulfide.

* * * * *
(b) Phosphorus pentasulfide must be packed as follows:

(1) Tight, sift-proof packaging complying with § 173.24.

Interested persons are invited to give their views on this proposal. Communications should identify the docket number and be submitted in duplicate to the Secretary, Hazardous Materials Regulations Board, Department of Transportation, 400 Sixth Street SW., Washington, DC 20590. Communications received on or before May 11, 1971, will be considered before final action is taken on the proposal. All comments received will be available for examination by interested persons at the Office of the Secretary, Hazardous Materials Regulations Board, both before and after the closing date for comments.

This proposal is made under the authority of sections 831-835 of title 18, United States Code, section 9 of the Department of Transportation Act (49 U.S.C. 1657), and title VI and section 902(h) of the Federal Aviation Act of 1958 (49 U.S.C. 1421-1430 and 1472(h)).

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By direction of Commandant,
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